# NASA's #GlobalSelfie

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On Earth Day, April 22, 2014, step outside, take a selfie & show NASA where you are on Earth Right Now! #GlobalSelfie

474 Photos | 354 Members | 26th March, 2014 Group Since



## News

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*****PLEASE make your photo permissions okay to download or we can't use it in the mosaic.*****

NASA invites you – and everyone else on the planet — to take part in a worldwide celebration of Earth Day this year with the agency's #GlobalSelfie event.
Details: 1.usa.gov/PfjXln

## Discussions

### Sharing

Thanks for the note reminding us to allow sharing of our photo. I had mine set ...

anderson 7 hours ago 0 replies

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1
00:00:00,570 --> 00:00:04,450
The This Week At NASA crew is on a short mid-year
hiatus -- but we thought we'd leave you with

2
00:00:04,450 --> 00:00:09,870
a quick look back at some of the big and exciting
news featured so far in 2014 on This Week

3
00:00:09,870 --> 00:00:10,780
at NASA.

4
00:00:10,780 --> 00:00:16,920
In March, NASA Administrator Charlie Bolden
announced President Obama's Fiscal Year 2015

5
00:00:16,920 --> 00:00:18,570
budget proposal for the agency ...

6
00:00:18,570 --> 00:00:24,140
The 17-point-5 billion dollar budget keeps
the agency moving forward on a path that sends

7
00:00:24,140 --> 00:00:30,189
astronauts to Mars in the 2030s, using a stepping-stone
approach that was showcased in April at a

8
00:00:30,189 --> 00:00:31,999
public exploration forum.

9
00:00:31,999 --> 00:00:36,270
The path to Mars starts aboard the International
Space Station, where astronauts are helping

10
00:00:36,270 --> 00:00:40,230
develop the knowledge and experience needed
for deep space missions.

11
00:00:40,230 --> 00:00:45,020
... and the Obama Administration's decision

in January to extend use of the ISS until

12
00:00:45,020 --> 00:00:50,289
at least 2024 means more opportunities for
groundbreaking research on the station.

13
00:00:50,289 --> 00:00:55,489
An Asteroid Initiative Opportunities Forum
in March provided updates on NASA's plans

14
00:00:55,489 --> 00:01:01,039
to capture, redirect and send astronauts to
study an asteroid and to identify asteroid

15
00:01:01,039 --> 00:01:02,920
threats to human life.

16
00:01:02,920 --> 00:01:07,409
And development of the Orion spacecraft has
been steady, as NASA prepares for the December

17
00:01:07,409 --> 00:01:12,439
launch of the deep space capsule more than
36-hundred miles into space on Exploration

18
00:01:12,439 --> 00:01:14,400
Flight Test-1.

19
00:01:14,400 --> 00:01:19,159
NASA's pursuit of deep space exploration is
also driving development of the technologies

20
00:01:19,159 --> 00:01:21,729
needed to power tomorrow's missions ...

21
00:01:21,729 --> 00:01:27,250
Such as solar electric propulsion technology
-- a "key" to reaching deep space destinations.

22

00:01:27,250 --> 00:01:31,939
In January, Administrator Bolden toured a
Glenn Research Center facility for testing

23
00:01:31,939 --> 00:01:33,750
this technology.

24
00:01:33,750 --> 00:01:39,009
In April, high school students from Hampton,
Virigina won NASA's Exploration Design Challenge.

25
00:01:39,009 --> 00:01:43,880
Their design for a protective radiation shield
for astronauts on deep space missions will

26
00:01:43,880 --> 00:01:47,540
fly with Orion on Exploration Flight Test-1
...

27
00:01:47,540 --> 00:01:52,750
Testing of the project Morpheus lander, which
uses automated landing hazard avoidance technology,

28
00:01:52,750 --> 00:01:55,049
has received high marks ...

29
00:01:55,049 --> 00:01:59,640
And NASA's Low Density Supersonic Decelerator
project could lead to inflatable spacecraft

30
00:01:59,640 --> 00:02:05,969
systems capable of safely landing heavier
and larger payloads than ever before on planets

31
00:02:05,969 --> 00:02:08,690
with atmospheres.

32
00:02:08,690 --> 00:02:13,360
This is the first year in more than a decade
that NASA is launching five science missions

33
00:02:13,360 --> 00:02:16,920
to address critical challenges facing Earth
Right Now ...

34
00:02:16,920 --> 00:02:21,670
Launched from Japan in February, the Global
Precipitation Measurement mission's observations

35
00:02:21,670 --> 00:02:27,300
of global rain and snow events will increase
our understanding of water and energy cycles.

36
00:02:27,300 --> 00:02:33,110
In April, NASA celebrated Earth Day with activities
such as the hugely popular online "global

37
00:02:33,110 --> 00:02:37,880
selfie" postings from around the world to
help promote environmental awareness.

38
00:02:37,880 --> 00:02:43,040
NASA aeronautics research this year has included
ACCESS II -- an airborne experiment that will

39
00:02:43,040 --> 00:02:48,730
help the airline industry transition to technologies
to reduce fuel consumption, emissions and

40
00:02:48,730 --> 00:02:49,810
noise.

41
00:02:49,810 --> 00:02:54,530
And in May -- following the White House release
of the Third National Climate Assessment,

42
00:02:54,530 --> 00:02:59,280
Administrator Bolden called 2014 the "Year
of Earth" for NASA -- stressing the importance

43
00:02:59,280 --> 00:03:04,260
of NASA research in preserving the health
of our home planet.

44
00:03:04,260 --> 00:03:09,870
NASA has continued its commitment in 2014
to being a catalyst in creating a vibrant

45
00:03:09,870 --> 00:03:11,840
American commercial space industry.

46
00:03:11,840 --> 00:03:16,980
Two U.S. companies are making regular cargo
deliveries to the space station for the agency.

47
00:03:16,980 --> 00:03:22,190
In January, Orbital Sciences delivered more
than 27-hundred pounds of supplies on the

48
00:03:22,190 --> 00:03:24,930
first contracted mission of its Cygnus cargo
craft ...

49
00:03:24,930 --> 00:03:29,650
... While the SpaceX Dragon completed the
company's third flight to the station under

50
00:03:29,650 --> 00:03:34,960
NASA's Commercial Resupply Services contract
carrying nearly 2-and-a-half tons of cargo.

51
00:03:34,960 --> 00:03:40,430
And several American companies are also developing
new spacecraft that NASA intends to use to

52
00:03:40,430 --> 00:03:46,470
fly astronauts to the ISS from U.S. soil by
2017 -- ending our sole reliance on Russia

53

00:03:46,470 --> 00:03:49,430
for flights to the station.

54
00:03:49,430 --> 00:03:54,570
NASA also remains committed to planning, launching
and operating flagship missions that meet

55
00:03:54,570 --> 00:03:56,870
the challenging objectives of the science
community ...

56
00:03:56,870 --> 00:04:03,870
2014 began by celebrating the 10 year anniversary
of the Mars Exploration Rovers, Spirit and

57
00:04:03,900 --> 00:04:09,000
Opportunity. The groundbreaking science enabled
on Mars by them, Curiosity and other current

58
00:04:09,000 --> 00:04:14,390
and future robotic explorers is helping pave
the path humans will take to Mars.

59
00:04:14,390 --> 00:04:19,980
In April, data from NASA's Cassini spacecraft
and the Deep Space Network yielded evidence

60
00:04:19,980 --> 00:04:25,380
that a large underground ocean of water does
indeed exist on Saturn's moon Enceladus -- a

61
00:04:25,380 --> 00:04:28,530
theory formulated in 2005.

62
00:04:28,530 --> 00:04:34,180
In May, NASA solicited conceptual ideas for
a mission to Jupiter's moon, Europa to study

63
00:04:34,180 --> 00:04:38,070
the liquid-water ocean believed to be beneath

Europa's icy crust ...

64
00:04:38,070 --> 00:04:43,110
And NASA's Kepler Space Telescope discovered
a new Earth-sized planet in April, about 500

65
00:04:43,110 --> 00:04:46,850
light-years from us that also may have liquid
water.

66
00:04:46,850 --> 00:04:51,530
That's just a bit of what 2014 has brought
so far. We're back on June 13 with a fresh,